

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\  
 Data File : BF091648.D  
 Acq On : 16 Dec 2016 00:23  
 Operator : UM/SJ  
 Sample : H6007-12  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-6-0-5

Manual Integrations  
 APPROVED

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 12/16/2016 6:22:35 PM

Quant Time: Dec 16 02:15:11 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 16 00:35:41 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.78  | 152  | 254723   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.08  | 136  | 1024292  | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.82  | 164  | 472709   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.31 | 188  | 617428   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.95 | 240  | 456951   | 20.00  | ng    | 0.01     |
| 86) Perylene-d12            | 15.36 | 264  | 347456   | 20.00  | ng    | 0.01     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.39  | 112  | 1586017  | 104.90 | ng    | 0.01     |
| 7) Phenol-d6                | 6.43  | 99   | 1961375  | 104.06 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.36  | 82   | 1453922  | 79.22  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.61 | 330  | 364778   | 92.91  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.15  | 172  | 1750302  | 63.98  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.90 | 244  | 1538851  | 76.42  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 10) Phenol                  | 6.44  | 94   | 129041   | 5.86   | ng    | 82       |
| 31) Naphthalene             | 8.09  | 128  | 169079   | 3.55   | ng    | 98       |
| 37) 2-Methylnaphthalene     | 8.78  | 142  | 66045    | 2.14   | ng    | 98       |
| 48) Acenaphthylene          | 9.69  | 152  | 220729   | 5.46   | ng    | 99       |
| 49) Dimethylphthalate       | 9.55  | 163  | 555715   | 18.57  | ng    | 99       |
| 51) Acenaphthene            | 9.86  | 154  | 233236   | 8.31   | ng    | 97       |
| 54) Dibenzofuran            | 10.03 | 168  | 144154   | 4.15   | ng    | 92       |
| 70) Phenanthrene            | 11.33 | 178  | 2101493  | 68.73  | ng    | 98       |
| 71) Anthracene              | 11.38 | 178  | 629872   | 19.10  | ng    | 99       |
| 72) Carbazole               | 11.54 | 167  | 259227   | 8.97   | ng    | 97       |
| 74) Fluoranthene            | 12.52 | 202  | 2880408  | 89.97  | ng    | 94       |
| 77) Pyrene                  | 12.75 | 202  | 2881925  | 79.50  | ng    | 97       |
| 80) Benzo(a)anthracene      | 13.94 | 228  | 1762916  | 66.43  | ng    | 96       |
| 82) Chrysene                | 13.97 | 228  | 1574078m | 56.69  | ng    |          |
| 85) Indeno(1,2,3-cd)pyrene  | 16.72 | 276  | 765097   | 30.62  | ng    | 95       |
| 87) Benzo(b)fluoranthene    | 14.97 | 252  | 1697121m | 81.94  | ng    |          |
| 88) Benzo(k)fluoranthene    | 14.98 | 252  | 396580m  | 21.78  | ng    |          |
| 89) Benzo(a)pyrene          | 15.30 | 252  | 1086863  | 58.25  | ng    | 98       |
| 90) Dibenzo(a,h)anthracene  | 16.73 | 278  | 191668   | 11.47  | ng    | 92       |
| 91) Benzo(a,h,i)perylene    | 17.13 | 276  | 722398   | 42.46  | ng    | # 94     |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

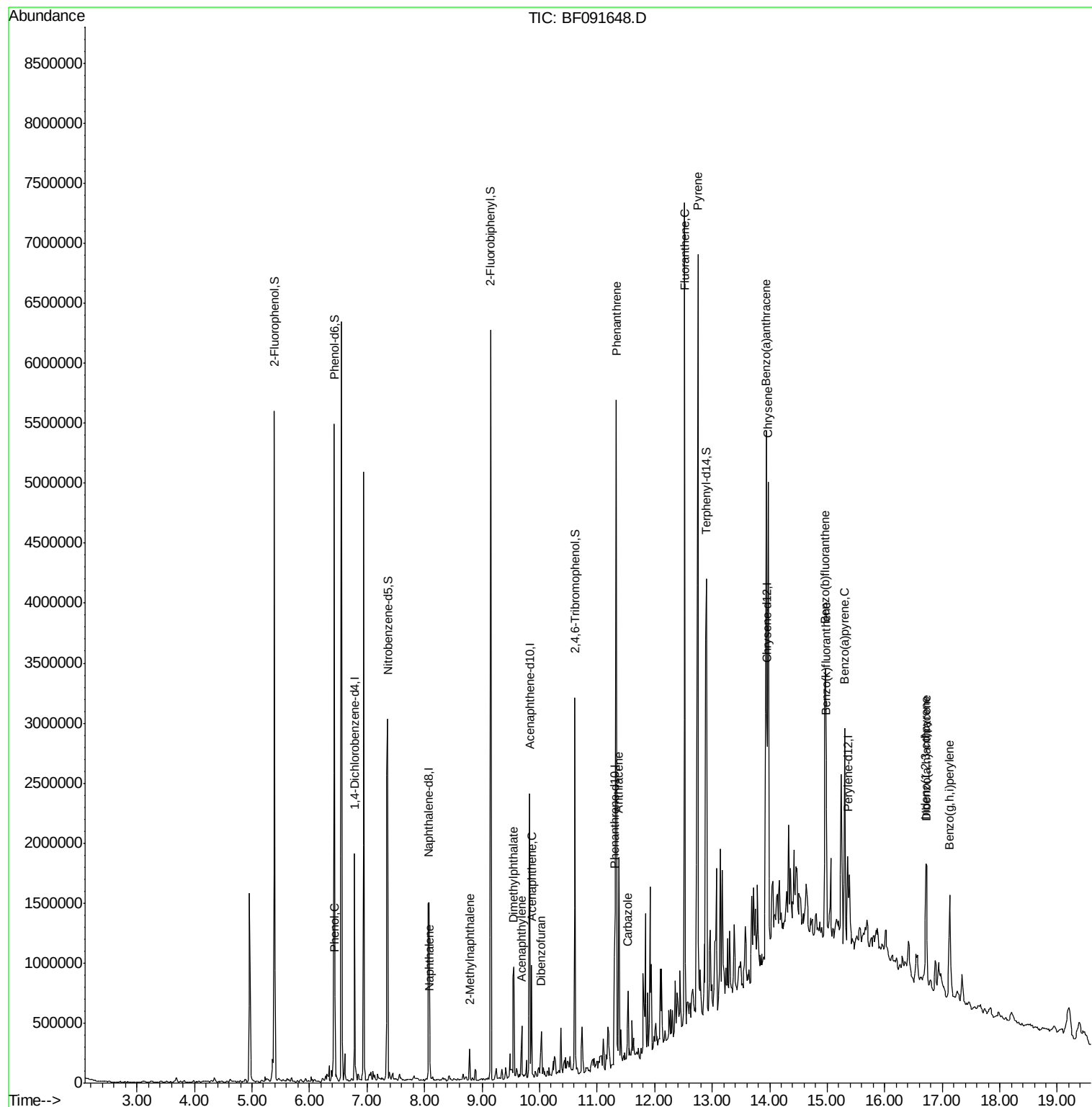
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\  
Data File : BF091648.D  
Acq On : 16 Dec 2016 00:23  
Operator : UM/SJ  
Sample : H6007-12  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

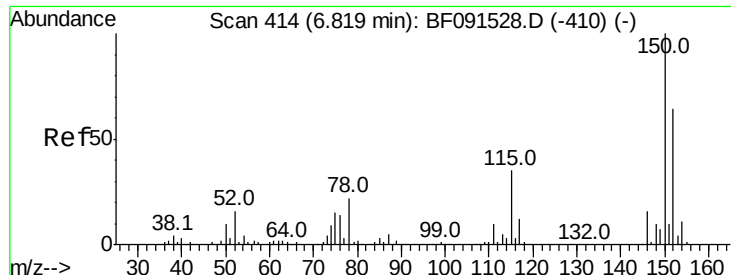
Instrument :  
BNA\_F  
ClientSampleId :  
WC-6-0-5

Manual Integrations  
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Quant Time: Dec 16 02:15:11 2016  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Dec 16 00:35:41 2016  
Response via : Initial Calibration





#1

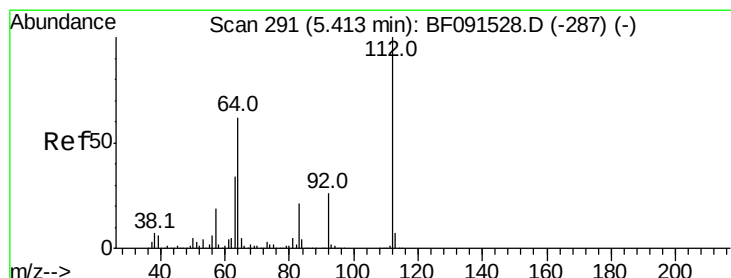
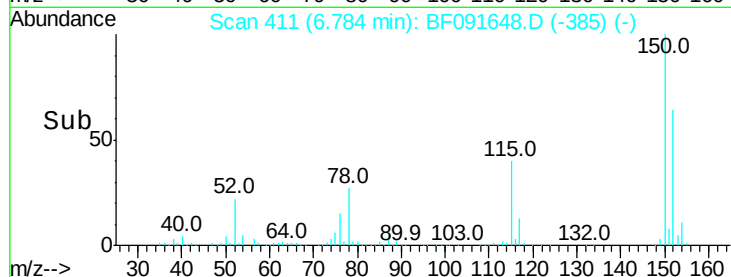
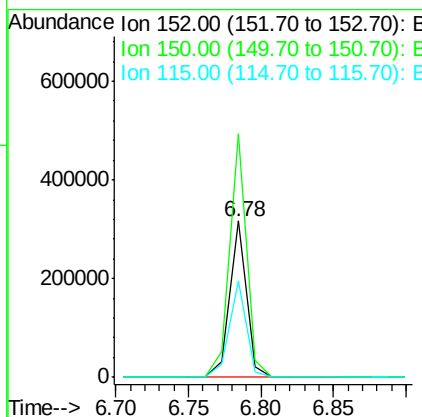
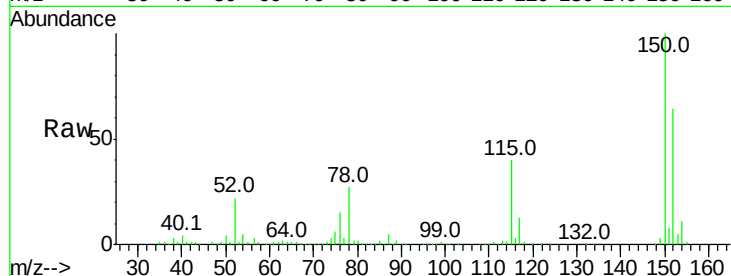
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.78 min Scan# 411  
Delta R.T. 0.00 min  
Lab File: BF091648.D  
Acq: 16 Dec 2016 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
WC-6-0-5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.8 | 122.5 | 183.7 |
| 115     | 62.1  | 51.8  | 77.8  |

Manual Integrations  
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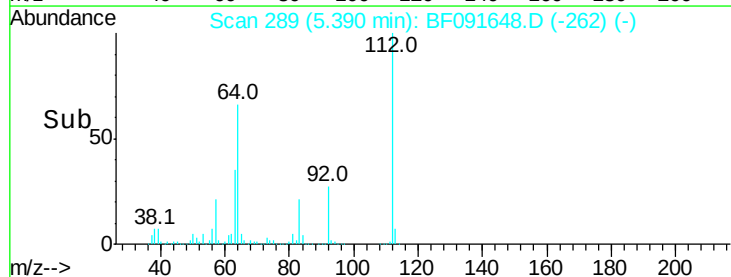
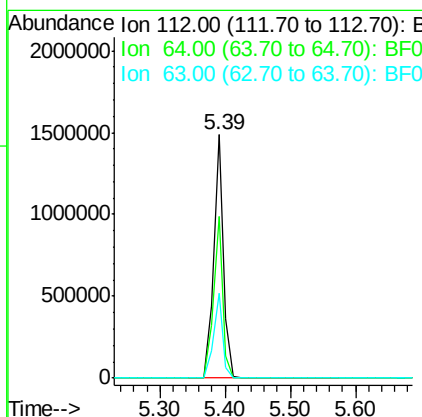
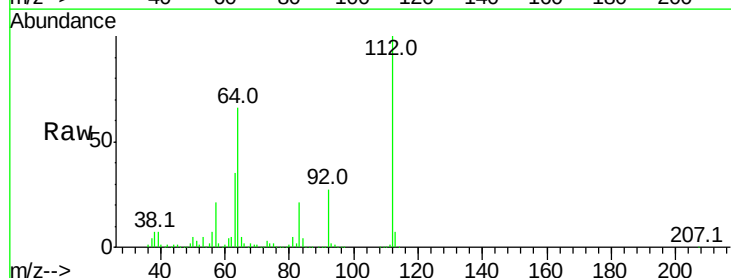
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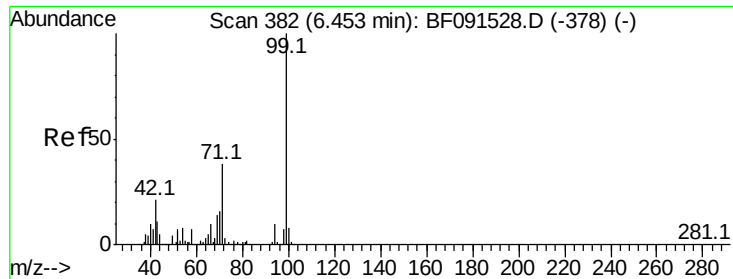


#5

2-Fluorophenol  
Concen: 104.90 ng  
RT: 5.39 min Scan# 289  
Delta R.T. 0.01 min  
Lab File: BF091648.D  
Acq: 16 Dec 2016 00:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 66.2  | 61.5  | 92.3  |
| 63      | 35.1  | 33.3  | 49.9  |





#7

Phenol-d6

Concen: 104.06 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091648.D

Acq: 16 Dec 2016 00:23

Instrument :

BNA\_F

ClientSampleId :

WC-6-0-5

Tot Ion: 99 Resp: 1961375

Ion Ratio Lower Upper

99 100

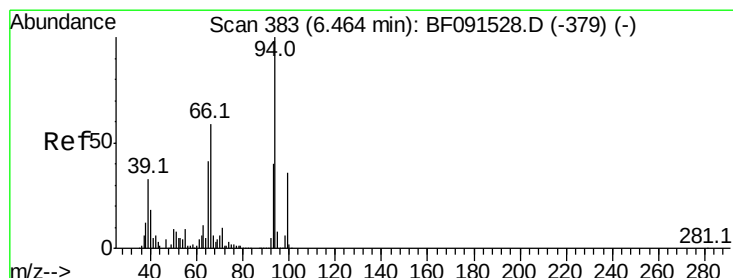
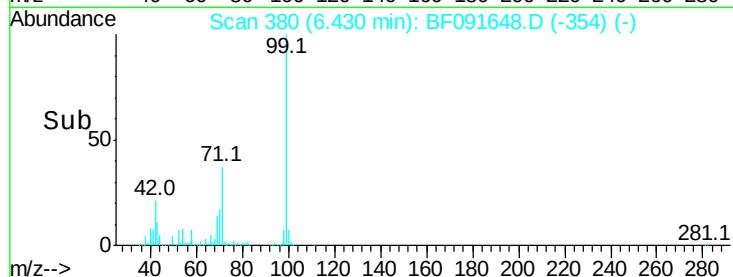
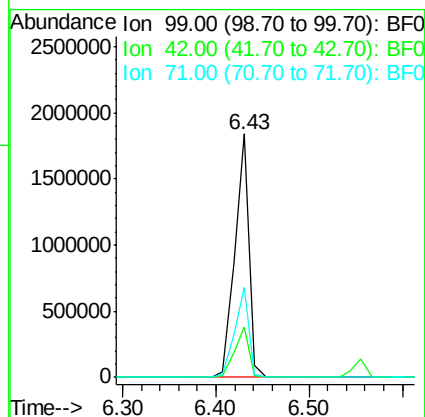
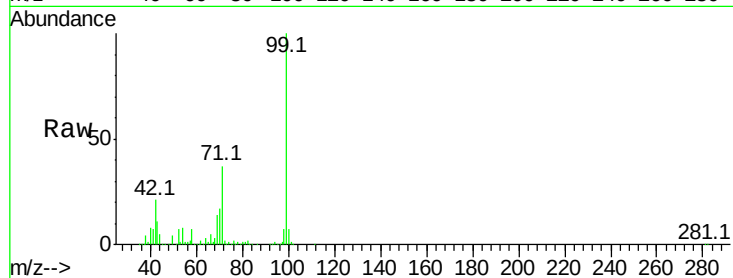
42 20.9 20.6 31.0

71 37.2 29.9 44.9

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#10

Phenol

Concen: 5.86 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF091648.D

Acq: 16 Dec 2016 00:23

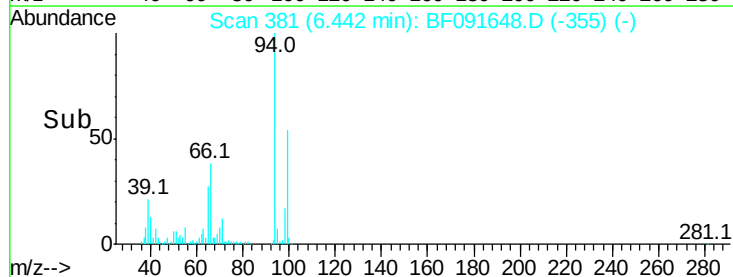
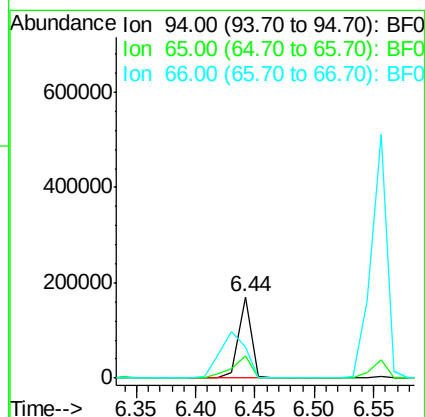
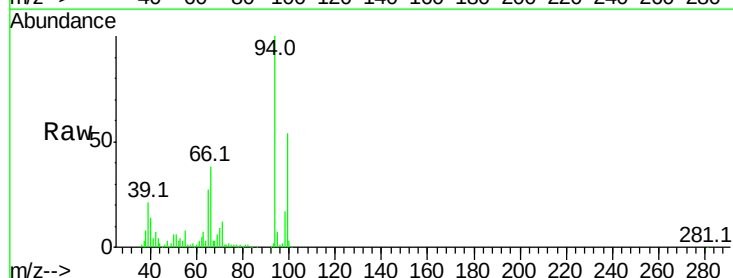
Tgt Ion: 94 Resp: 129041

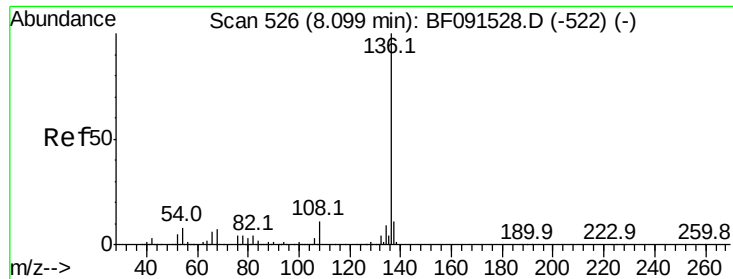
Ion Ratio Lower Upper

94 100

65 26.8 16.9 56.9

66 37.8 30.6 70.6





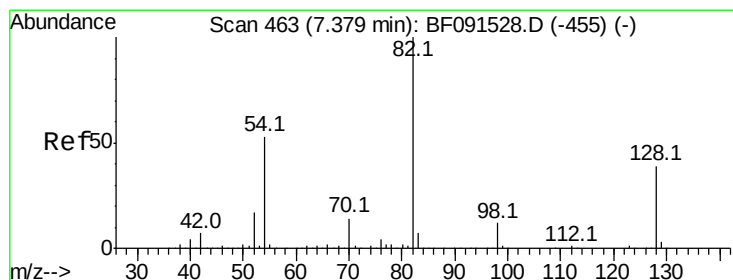
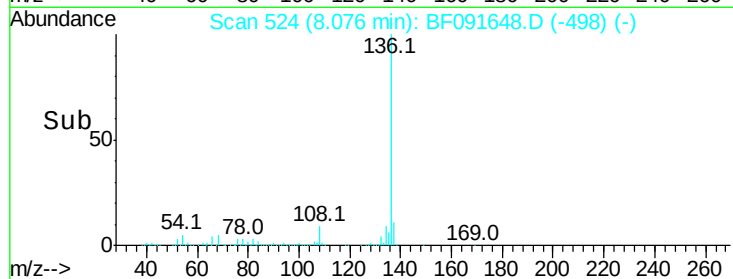
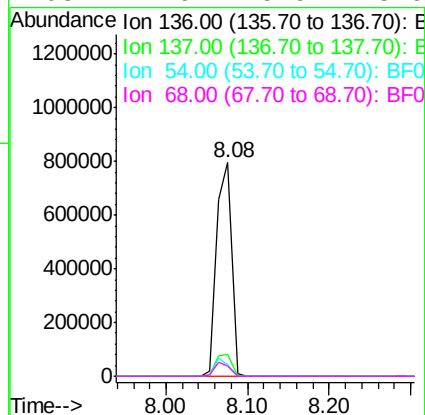
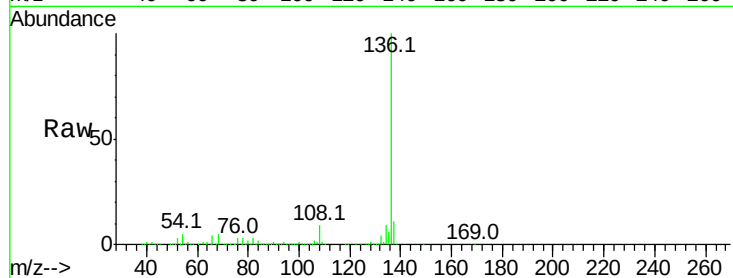
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.08 min Scan# 524  
Delta R.T. 0.00 min  
Lab File: BF091648.D  
Acq: 16 Dec 2016 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
WC-6-0-5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 10.5  | 9.1   | 13.7  |
| 54      | 5.3   | 9.1   | 13.7# |
| 68      | 4.6   | 5.9   | 8.9#  |

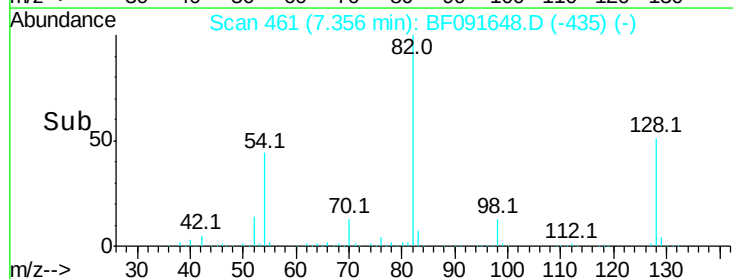
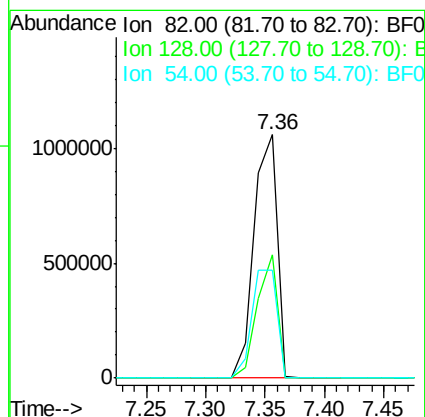
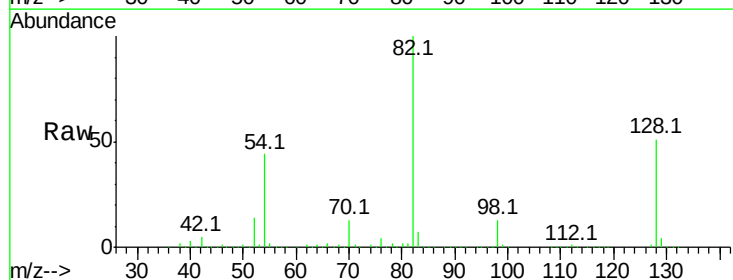
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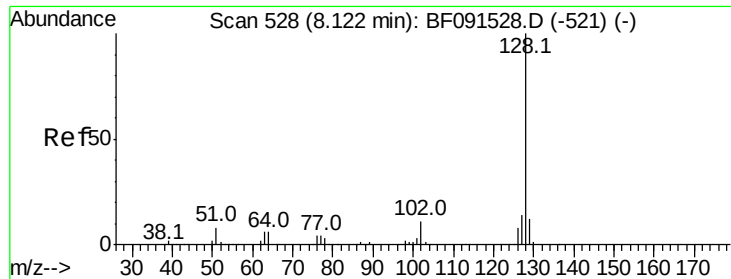
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#23  
Nitrobenzene-d5  
Concen: 79.22 ng  
RT: 7.36 min Scan# 461  
Delta R.T. 0.00 min  
Lab File: BF091648.D  
Acq: 16 Dec 2016 00:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 50.8  | 31.8  | 47.6# |
| 54      | 44.3  | 49.1  | 73.7# |





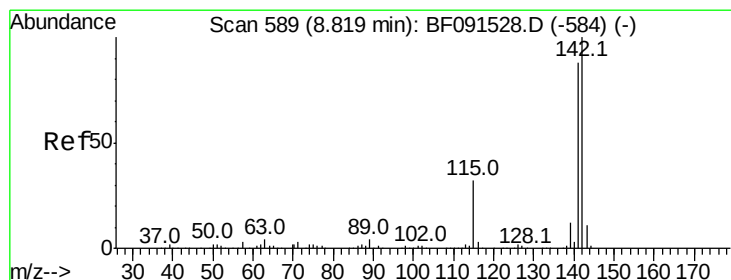
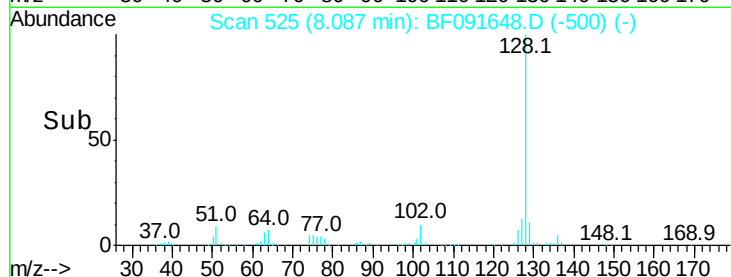
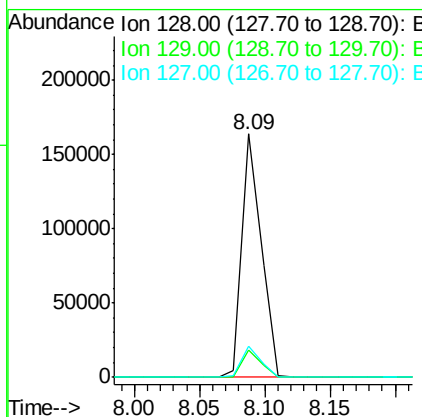
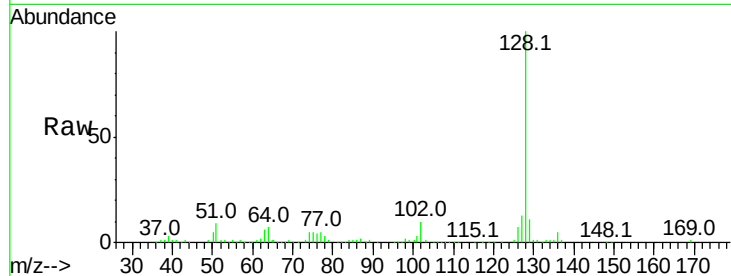
#31  
Naphthalene  
Concen: 3.55 ng  
RT: 8.09 min Scan# 525  
Delta R.T. -0.01 min  
Lab File: BF091648.D  
Acq: 16 Dec 2016 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
WC-6-0-5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.1  | 9.1   | 13.7  |
| 127     | 12.6  | 11.0  | 16.4  |

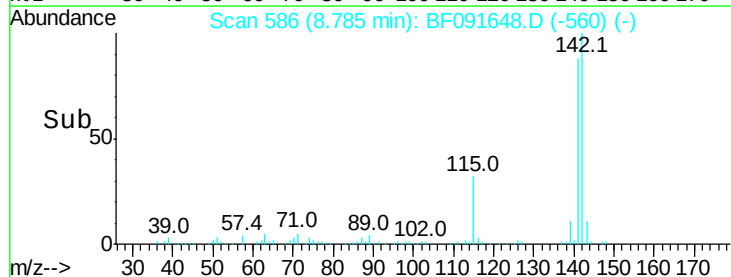
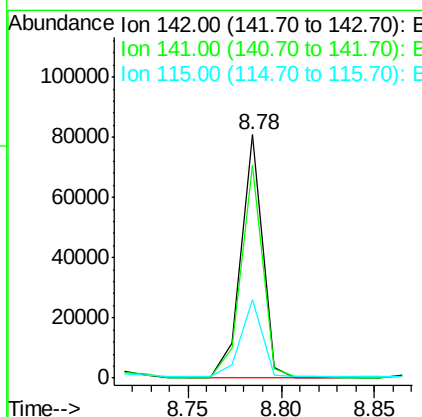
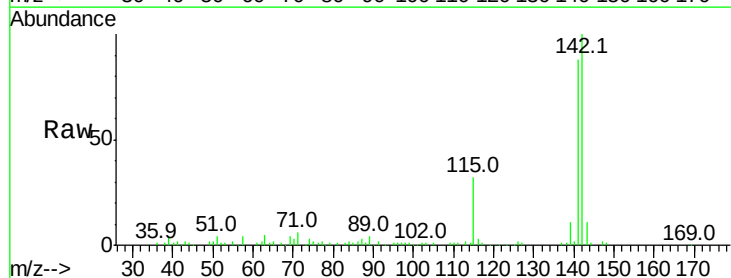
Manual Integrations  
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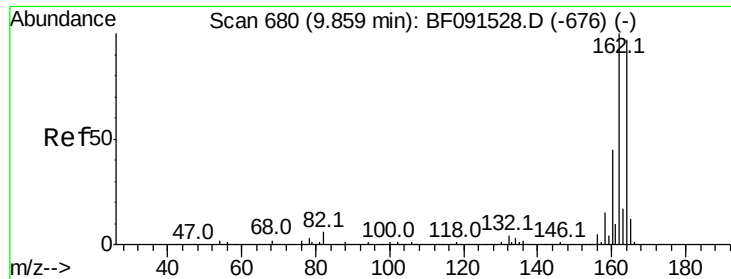
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#37  
2-Methylnaphthalene  
Concen: 2.14 ng  
RT: 8.78 min Scan# 586  
Delta R.T. 0.00 min  
Lab File: BF091648.D  
Acq: 16 Dec 2016 00:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.5  | 71.7  | 107.5 |
| 115     | 32.3  | 25.0  | 37.6  |





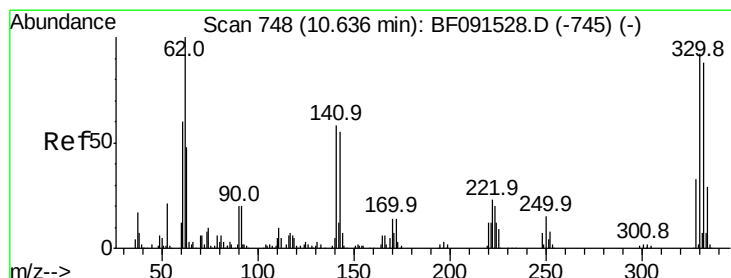
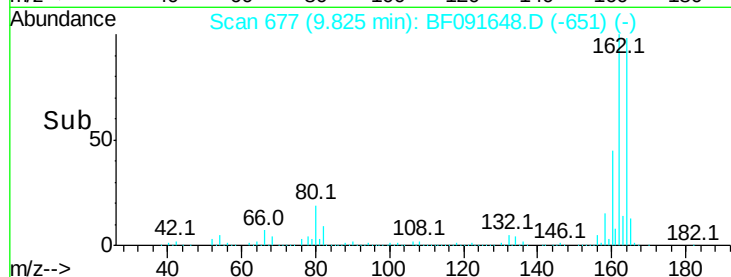
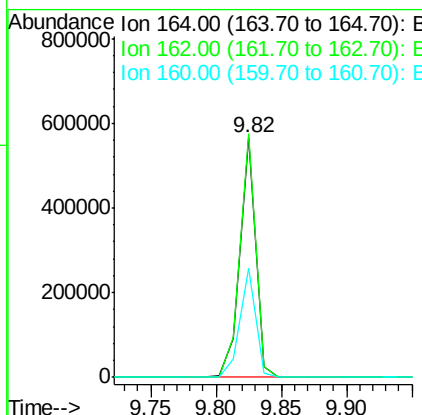
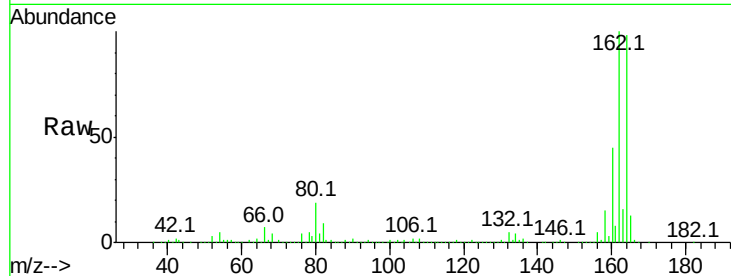
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.82 min Scan# 677  
Delta R.T. 0.00 min  
Lab File: BF091648.D  
Acq: 16 Dec 2016 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
WC-6-0-5

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 472709 |       |       |
| 162     | 101.6 | 82.6   | 124.0 |       |
| 160     | 45.8  | 36.7   | 55.1  |       |

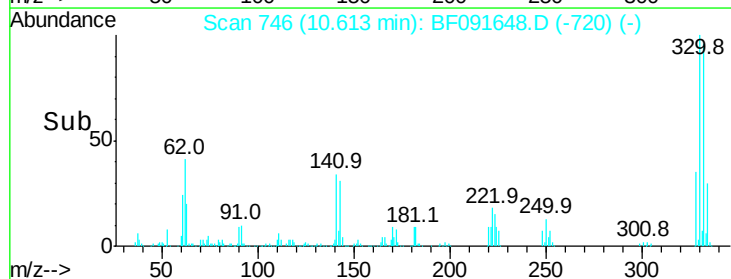
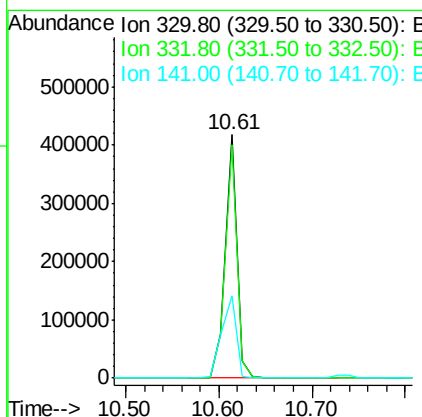
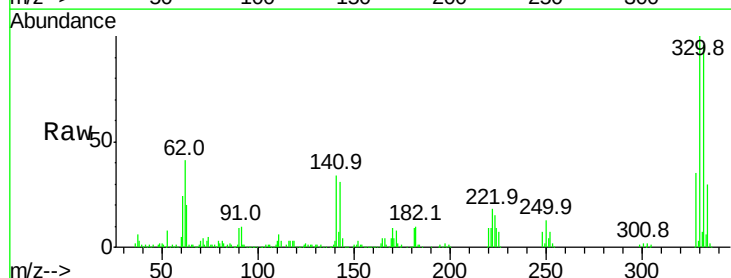
Manual Integrations  
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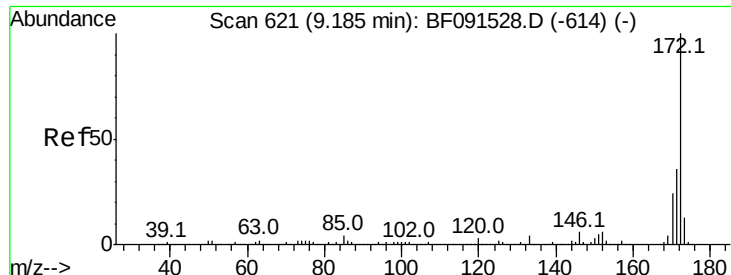
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#41  
2,4,6-Tribromophenol  
Concen: 92.91 ng  
RT: 10.61 min Scan# 746  
Delta R.T. 0.00 min  
Lab File: BF091648.D  
Acq: 16 Dec 2016 00:23

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 364778 |       |       |
| 332     | 96.0  | 76.2   | 114.4 |       |
| 141     | 41.8  | 33.6   | 50.4  |       |





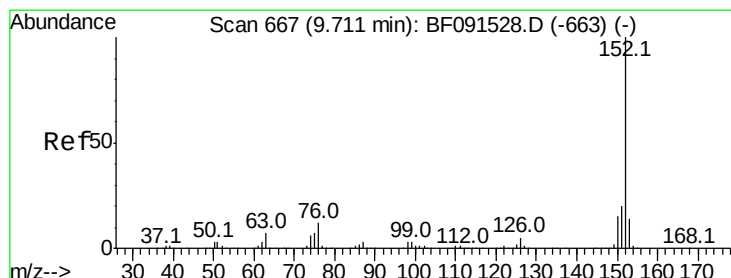
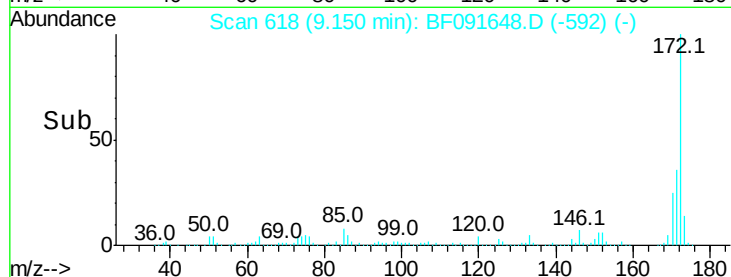
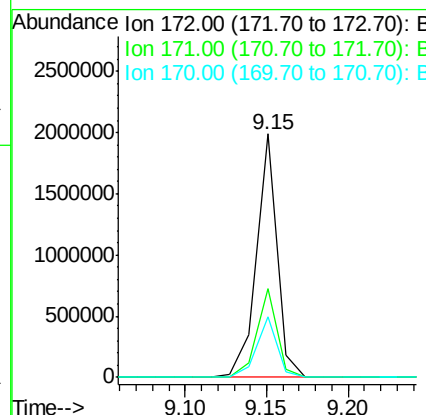
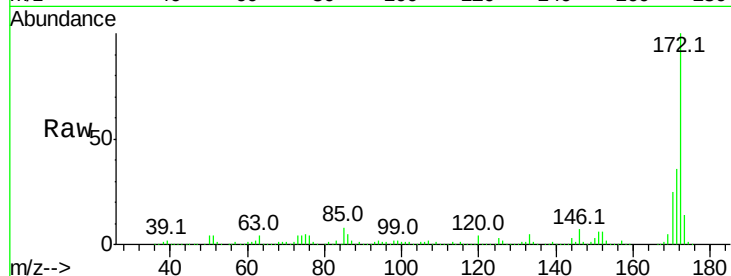
#44  
2-Fluorobiphenyl  
Concen: 63.98 ng  
RT: 9.15 min Scan# 618  
Delta R.T. 0.00 min  
Lab File: BF091648.D  
Acq: 16 Dec 2016 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
WC-6-0-5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.2  | 29.4  | 44.0  |
| 170     | 24.7  | 19.7  | 29.5  |

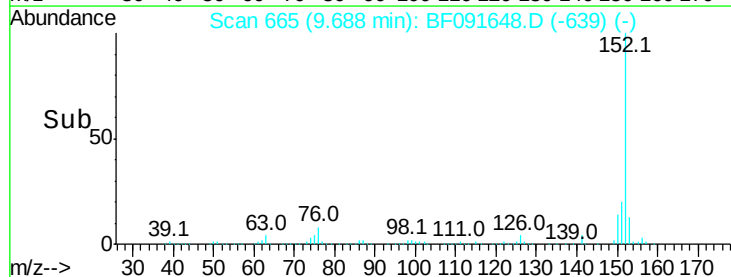
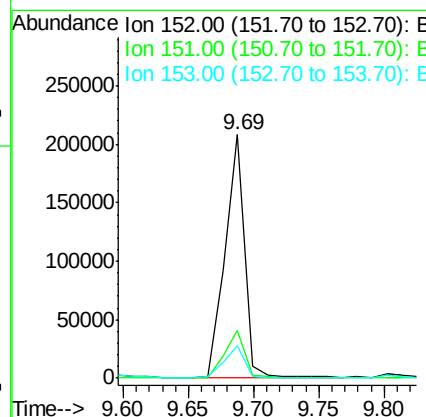
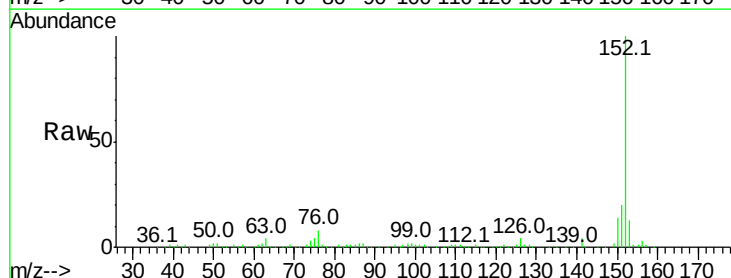
Manual Integrations  
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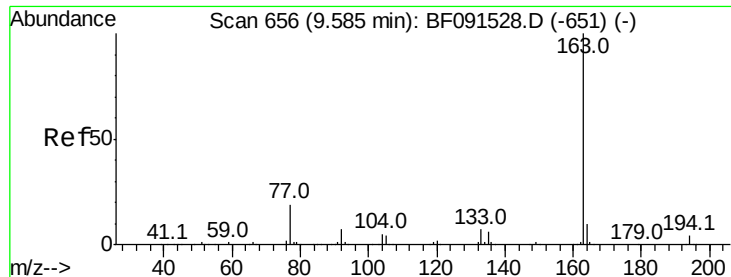


#48  
Acenaphthylene  
Concen: 5.46 ng  
RT: 9.69 min Scan# 665  
Delta R.T. 0.00 min  
Lab File: BF091648.D  
Acq: 16 Dec 2016 00:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.6  | 16.6  | 24.8  |
| 153     | 13.5  | 10.7  | 16.1  |







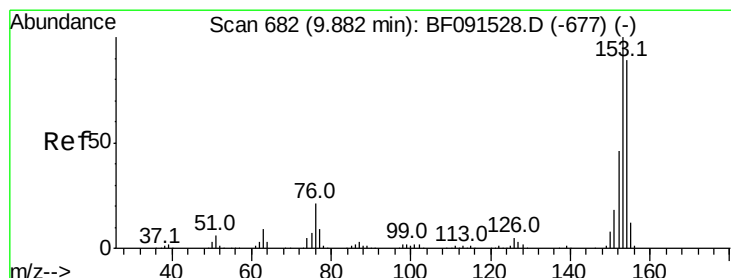
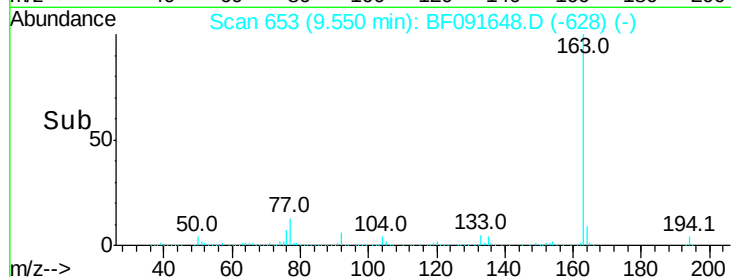
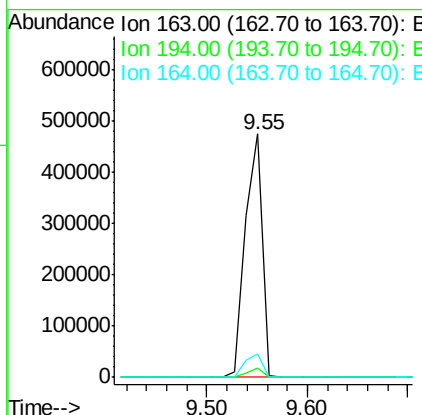
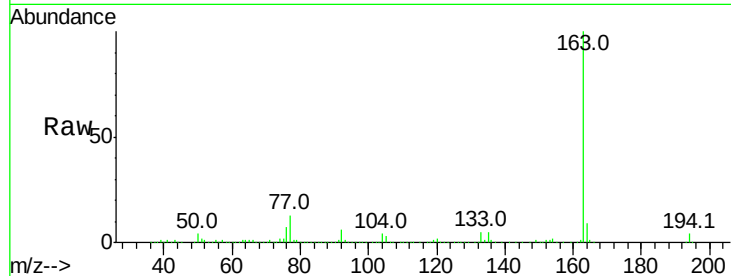
#49  
Dimethylphthalate  
Concen: 18.57 ng  
RT: 9.55 min Scan# 653  
Delta R.T. -0.01 min  
Lab File: BF091648.D  
Acq: 16 Dec 2016 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
WC-6-0-5

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 555715 |       |       |
| 194     | 3.8   |        | 3.0   | 4.4   |
| 164     | 9.5   |        | 7.8   | 11.8  |

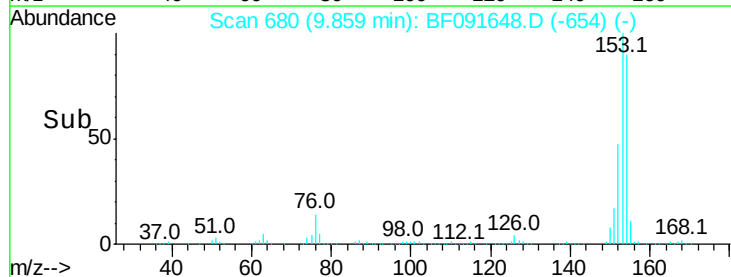
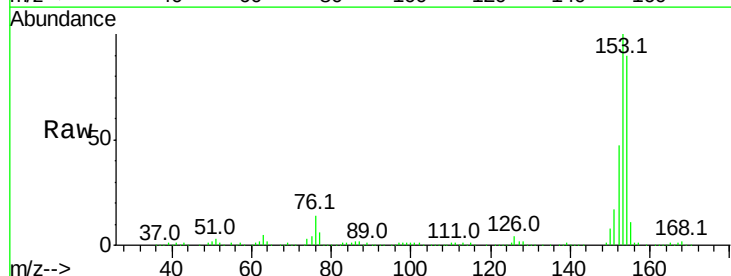
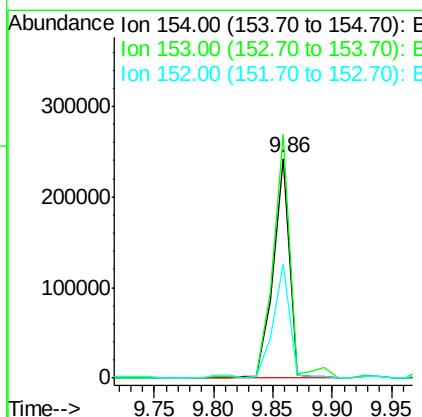
Manual Integrations  
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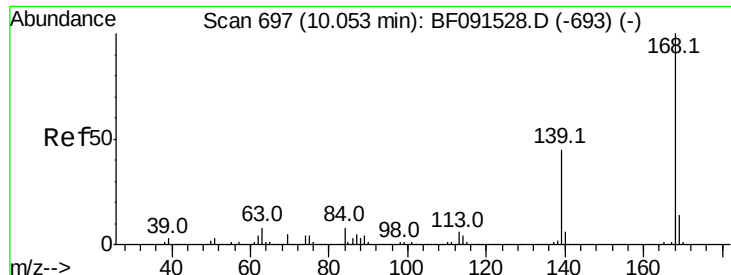
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12/16/2016 6:22:35 PM



#51  
Acenaphthene  
Concen: 8.31 ng  
RT: 9.86 min Scan# 680  
Delta R.T. 0.00 min  
Lab File: BF091648.D  
Acq: 16 Dec 2016 00:23

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 233236 |       |       |
| 153     | 110.8 |        | 91.0  | 136.6 |
| 152     | 51.9  |        | 44.2  | 66.2  |





#54

Dibenzenofuran

Concen: 4.15 ng

RT: 10.03 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF091648.D

Acq: 16 Dec 2016 00:23

Instrument :

BNA\_F

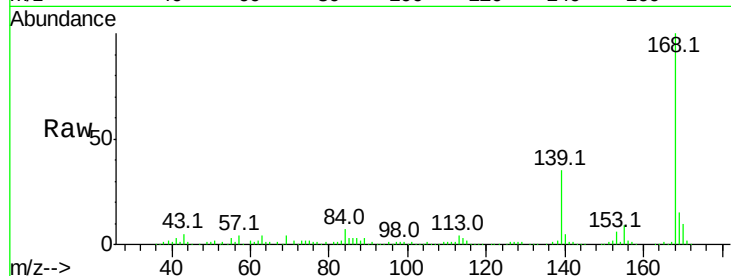
ClientSampled :

WC-6-0-5

|             |       |        |
|-------------|-------|--------|
| Tot Ion:168 | Resp: | 144154 |
| Ion Ratio   | Lower | Upper  |
| 168 100     |       |        |
| 139 35.4    | 33.4  | 50.2   |
| 169 15.0    | 11.1  | 16.7   |

Manual Integrations  
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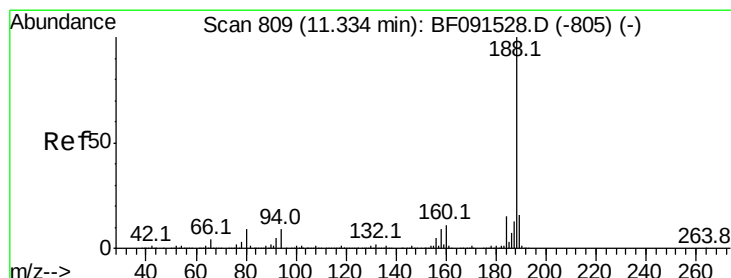
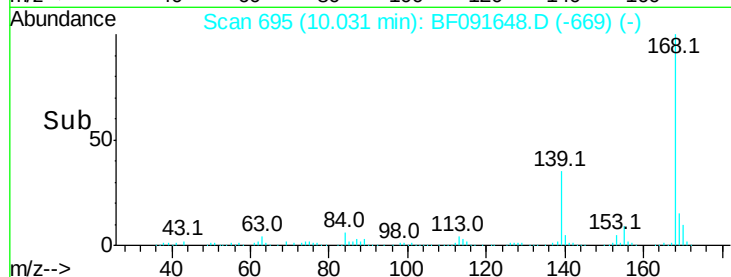
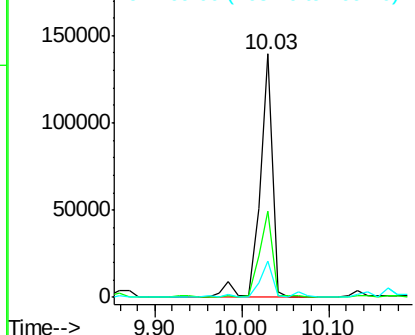
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

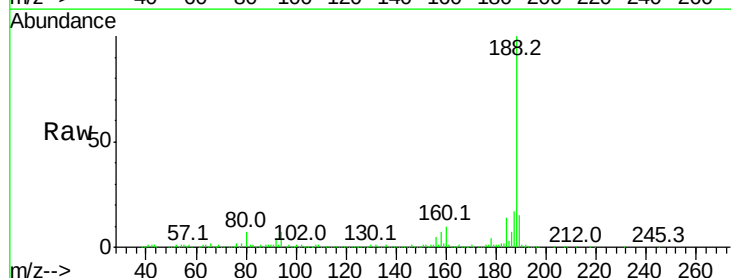
RT: 11.31 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF091648.D

Acq: 16 Dec 2016 00:23

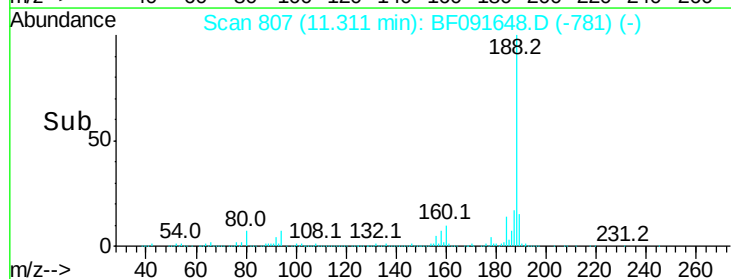
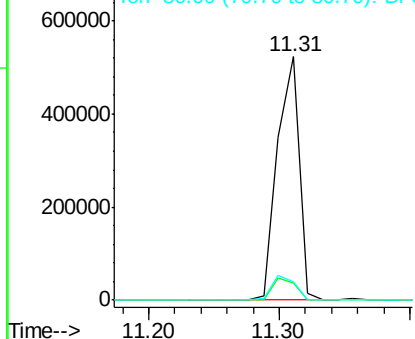
|             |       |        |
|-------------|-------|--------|
| Tgt Ion:188 | Resp: | 617428 |
| Ion Ratio   | Lower | Upper  |
| 188 100     |       |        |
| 94 7.3      | 9.2   | 13.8#  |
| 80 7.4      | 10.5  | 15.7#  |

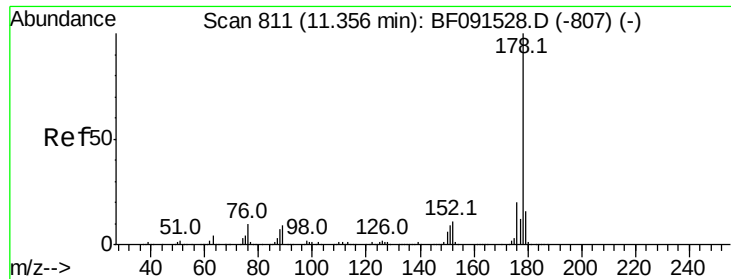


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





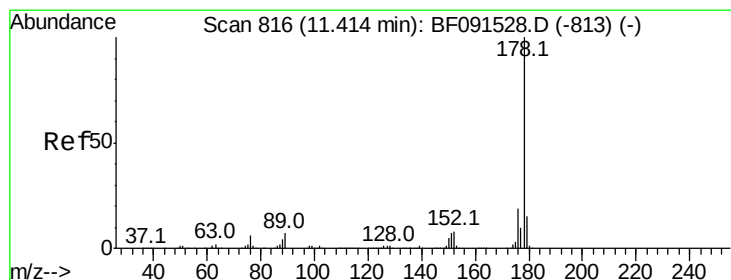
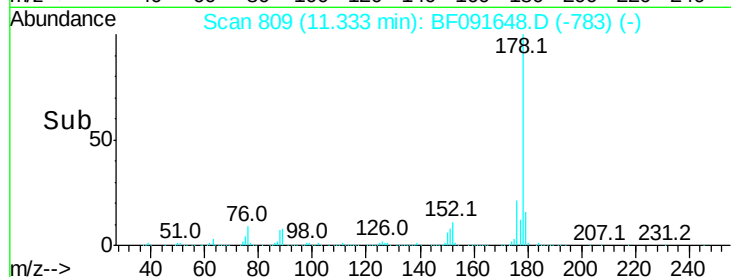
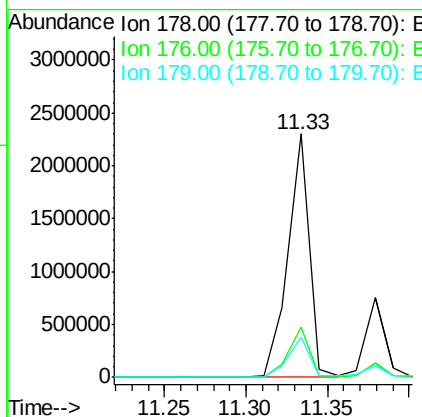
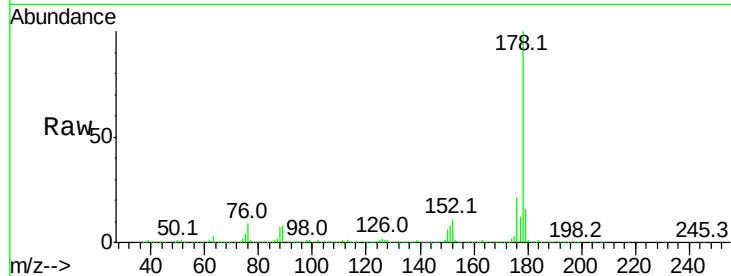
#70  
Phenanthrene  
Concen: 68.73 ng  
RT: 11.33 min Scan# 809  
Delta R.T. 0.00 min  
Lab File: BF091648.D  
Acq: 16 Dec 2016 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
WC-6-0-5

Tot Ion:178 Resp: 2101493  
Ion Ratio Lower Upper  
178 100  
176 20.8 15.9 23.9  
179 16.4 12.6 18.8

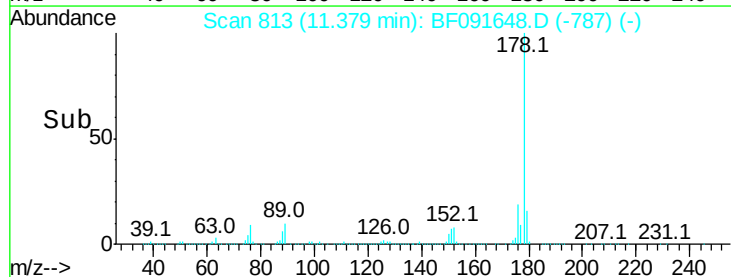
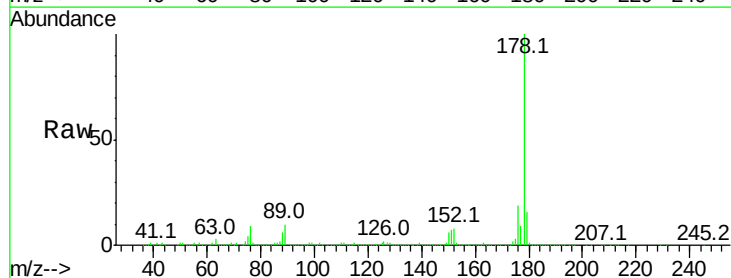
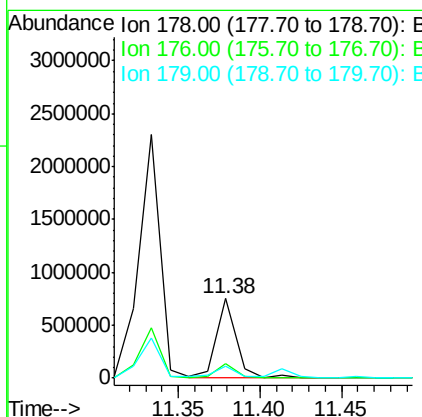
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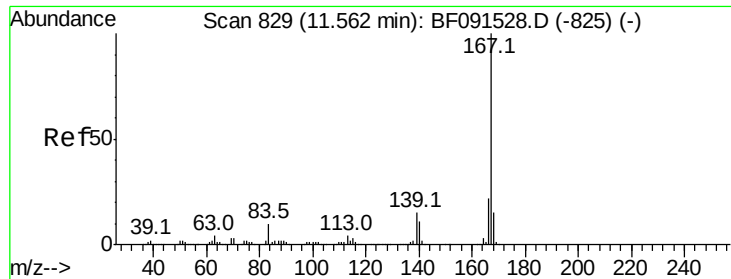
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#71  
Anthracene  
Concen: 19.10 ng  
RT: 11.38 min Scan# 813  
Delta R.T. 0.00 min  
Lab File: BF091648.D  
Acq: 16 Dec 2016 00:23

Tgt Ion:178 Resp: 629872  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.8 23.6  
179 15.7 12.7 19.1





#72

Carbazole

Concen: 8.97 ng

RT: 11.54 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF091648.D

Acq: 16 Dec 2016 00:23

Instrument :

BNA\_F

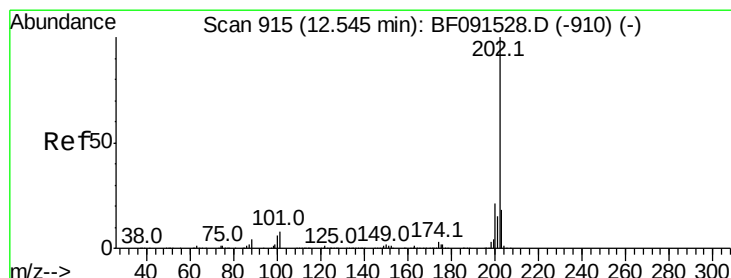
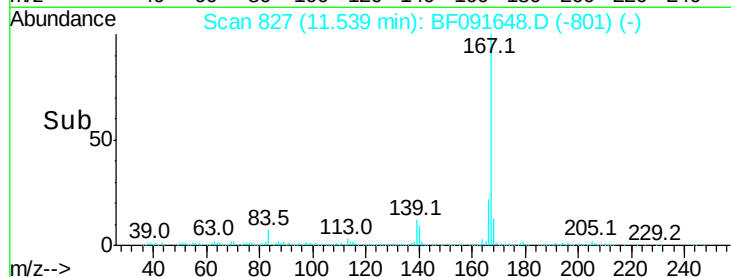
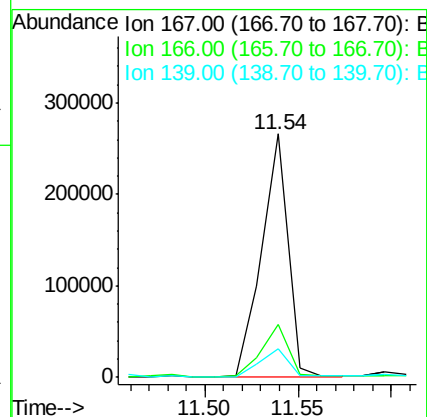
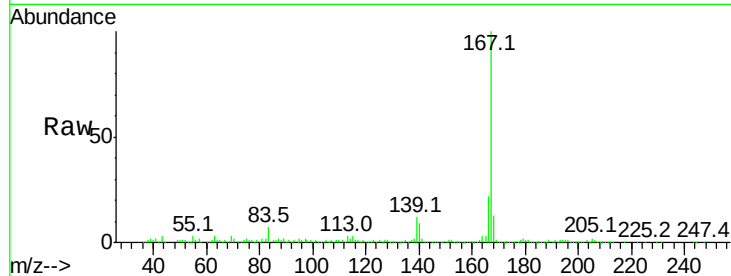
ClientSampleId :

WC-6-0-5

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 167   | Resp: | 259227 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 21.8  | 18.1  | 27.1   |
| 139       | 12.0  | 11.5  | 17.3   |

Manual Integrations  
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#74

Fluoranthene

Concen: 89.97 ng

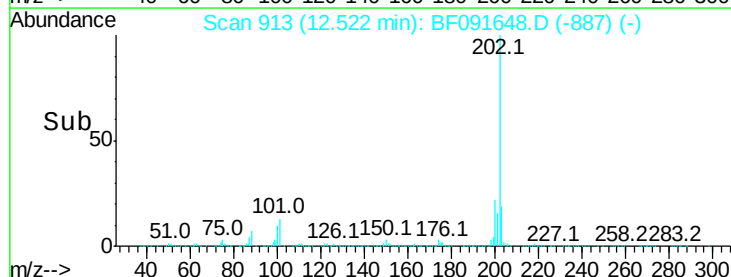
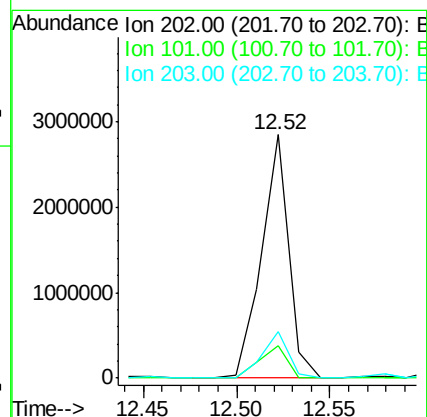
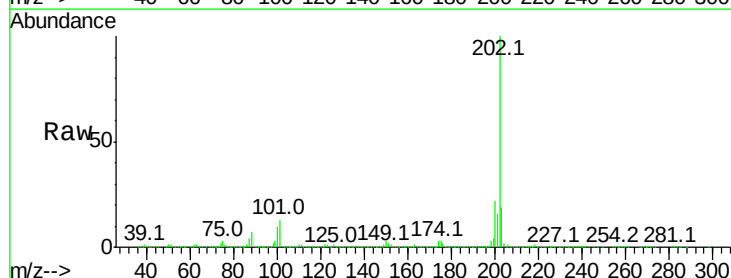
RT: 12.52 min Scan# 913

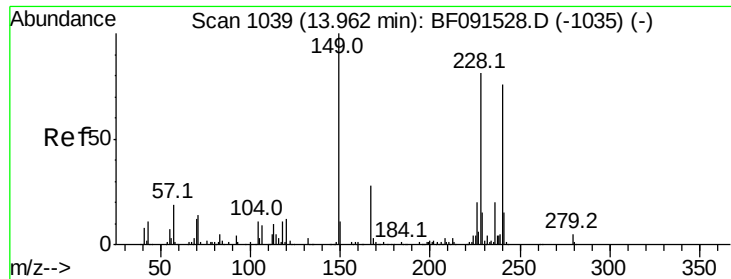
Delta R.T. 0.00 min

Lab File: BF091648.D

Acq: 16 Dec 2016 00:23

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 2880408 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 13.5  | 0.0   | 29.5    |
| 203       | 19.1  | 0.0   | 37.8    |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.01 min

Lab File: BF091648.D

Acq: 16 Dec 2016 00:23

Instrument :

BNA\_F

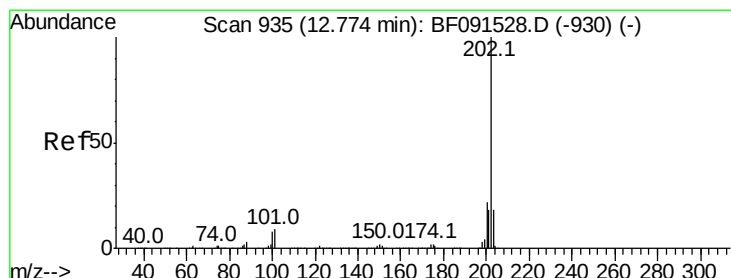
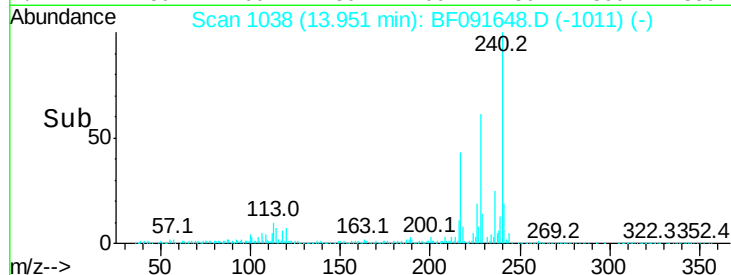
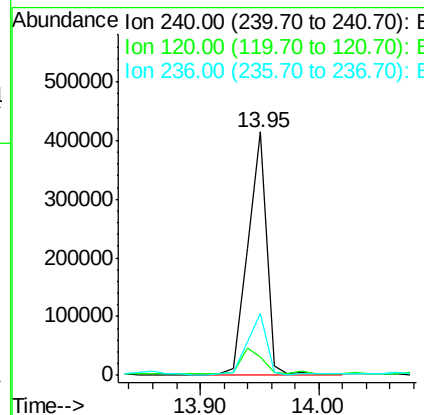
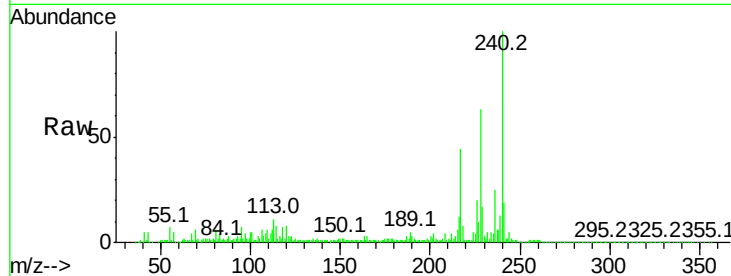
ClientSampleId :

WC-6-0-5

Tot Ion:240 Resp: 456951  
 Ion Ratio Lower Upper  
 240 100  
 120 7.6 12.1 18.1#  
 236 25.3 21.0 31.6

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#77

Pyrene

Concen: 79.50 ng

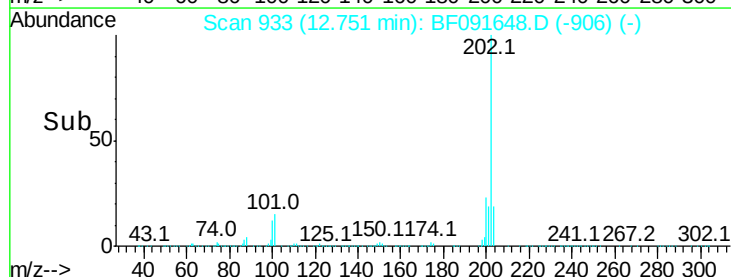
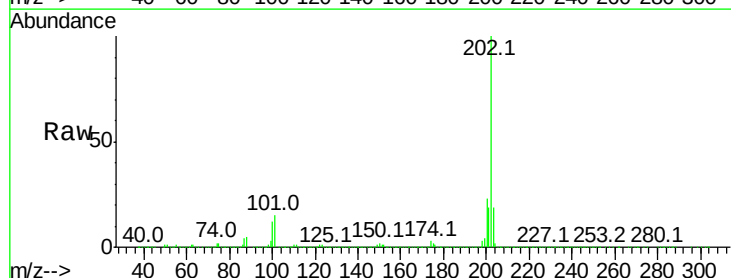
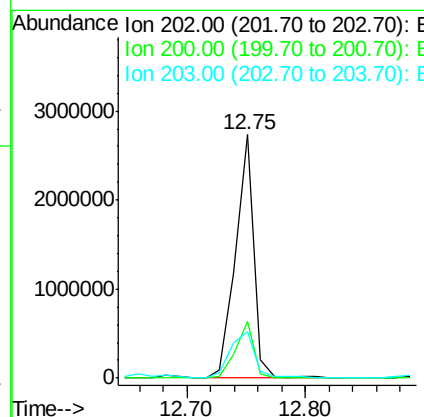
RT: 12.75 min Scan# 933

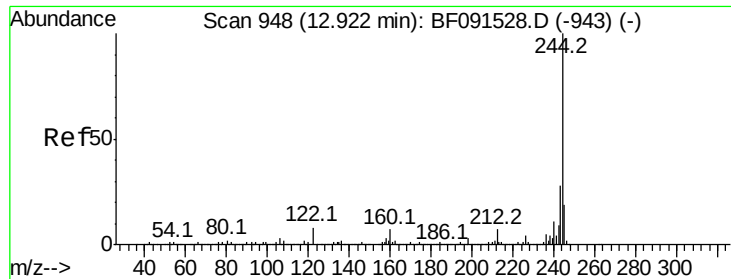
Delta R.T. 0.01 min

Lab File: BF091648.D

Acq: 16 Dec 2016 00:23

Tgt Ion:202 Resp: 2881925  
 Ion Ratio Lower Upper  
 202 100  
 200 23.1 17.6 26.4  
 203 19.3 14.0 21.0





#78

Terphenyl-d14

Concen: 76.42 ng

RT: 12.90 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF091648.D

Acq: 16 Dec 2016 00:23

Instrument :

BNA\_F

ClientSampleId :

WC-6-0-5

Tot Ion:244 Resp: 1538851

Ion Ratio Lower Upper

244 100

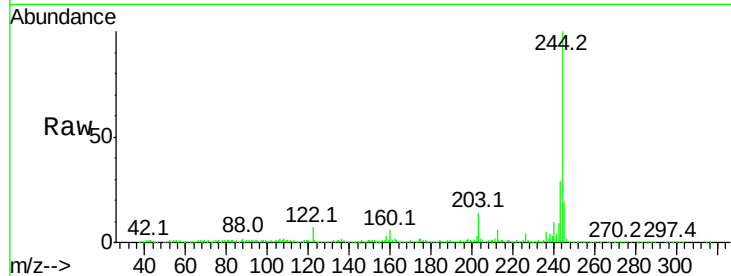
212 6.5 6.5 9.7#

122 7.2 9.5 14.3#

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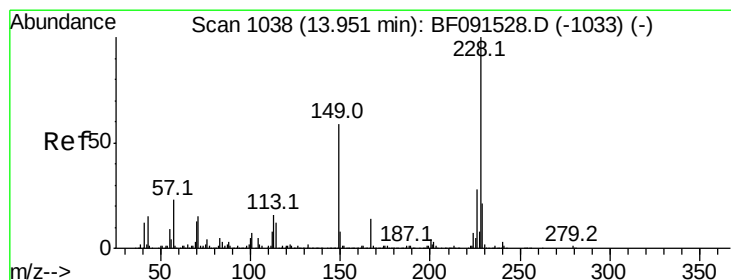
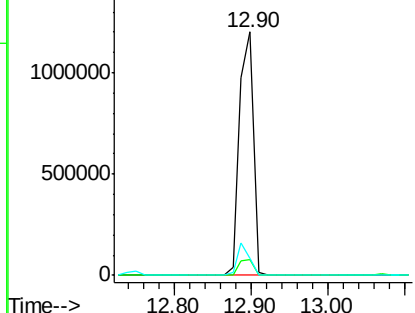
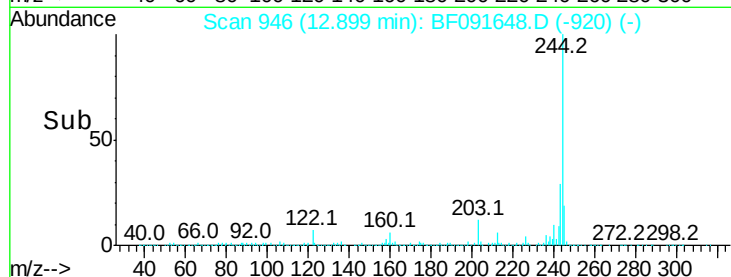
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 66.43 ng

RT: 13.94 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF091648.D

Acq: 16 Dec 2016 00:23

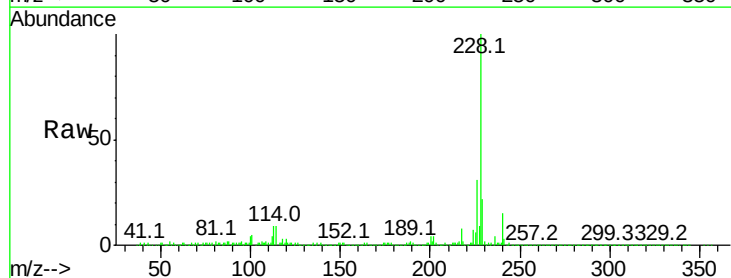
Tgt Ion:228 Resp: 1762916

Ion Ratio Lower Upper

228 100

226 30.7 22.5 33.7

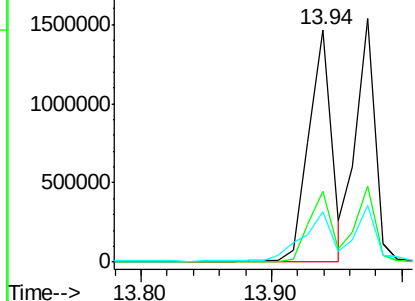
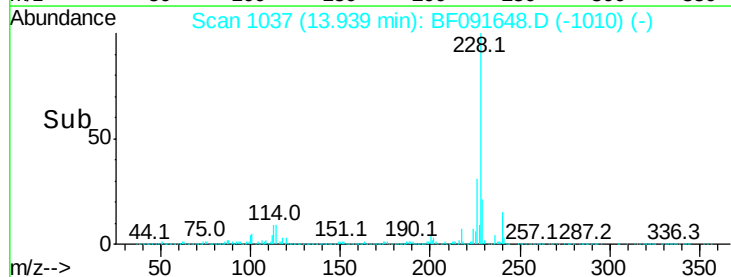
229 21.5 16.4 24.6

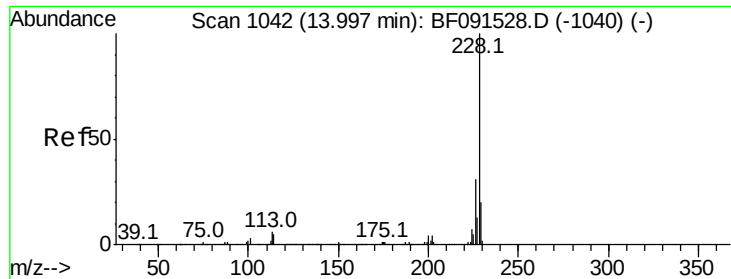


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 56.69 ng/mL

RT: 13.97 min Scan# 1040

Delta R.T. 0.01 min

Lab File: BF091648.D

Acq: 16 Dec 2016 00:23

Instrument :

BNA\_F

ClientSampleID :

WC-6-0-5

Tot Ion:228 Resp: 1574078

Ion Ratio Lower Upper

228 100

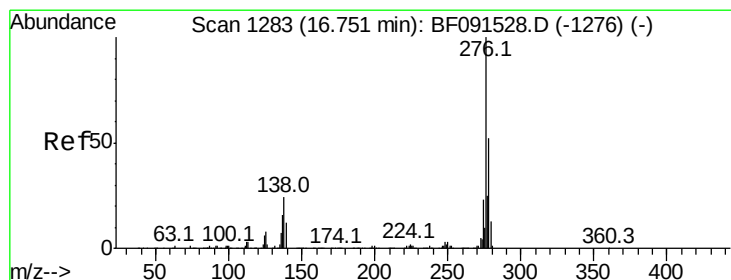
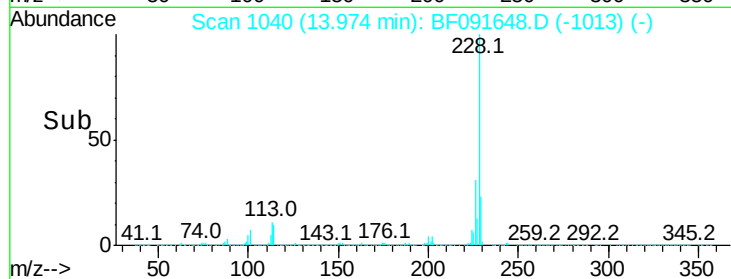
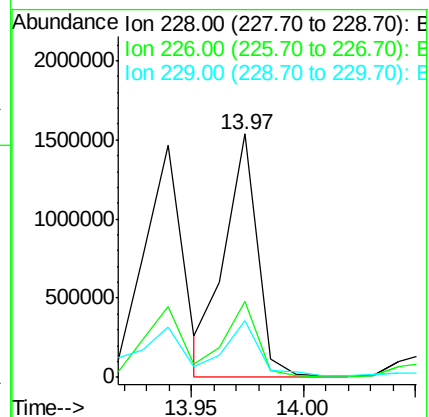
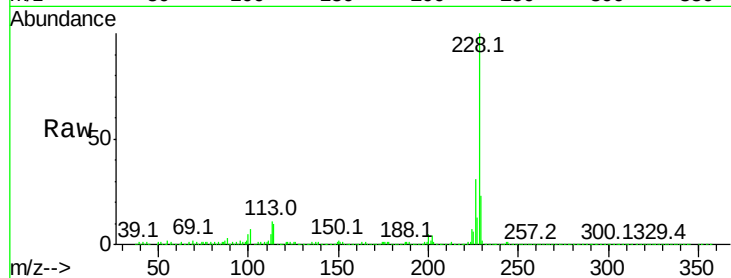
226 31.2 25.0 37.4

229 23.2 16.0 24.0

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#85

Indeno(1,2,3-cd)pyrene

Concen: 30.62 ng/mL

RT: 16.72 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BF091648.D

Acq: 16 Dec 2016 00:23

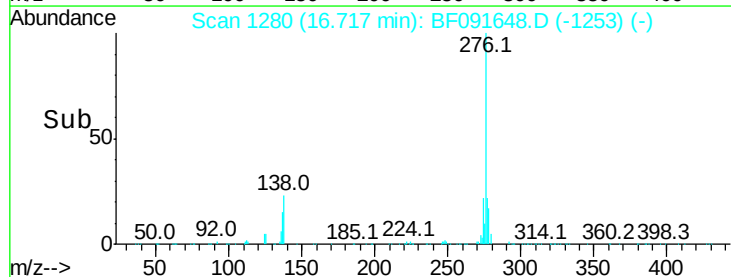
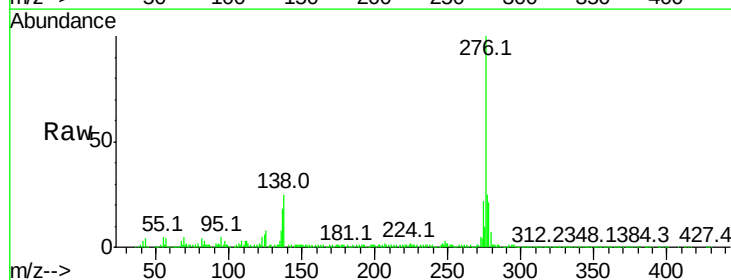
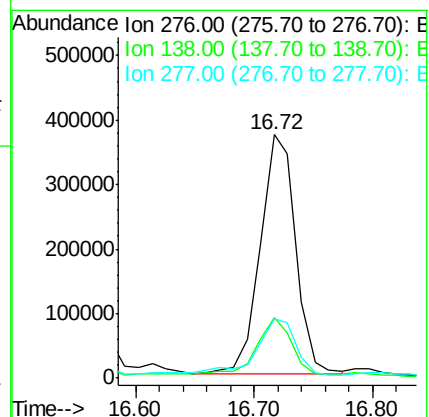
Tgt Ion:276 Resp: 765097

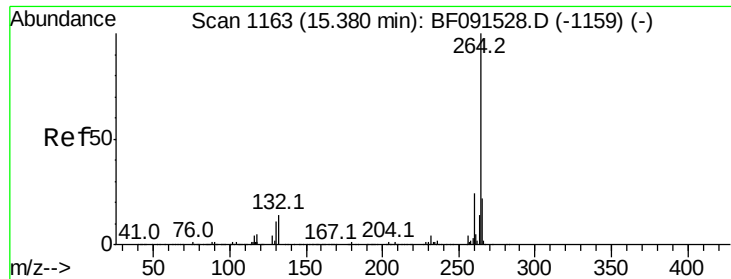
Ion Ratio Lower Upper

276 100

138 23.9 21.0 31.4

277 27.8 20.2 30.2





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BF091648.D

Acq: 16 Dec 2016 00:23

Instrument :

BNA\_F

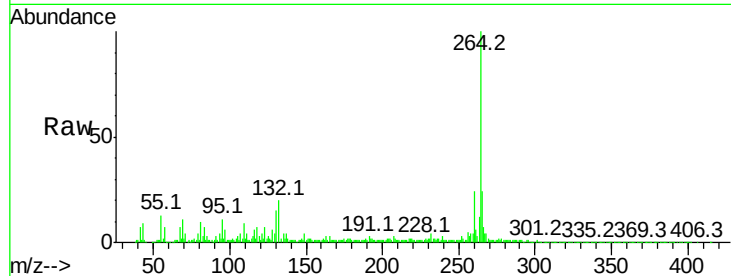
ClientSampleId :

WC-6-0-5

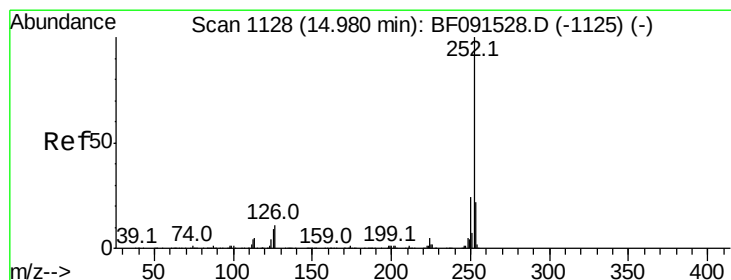
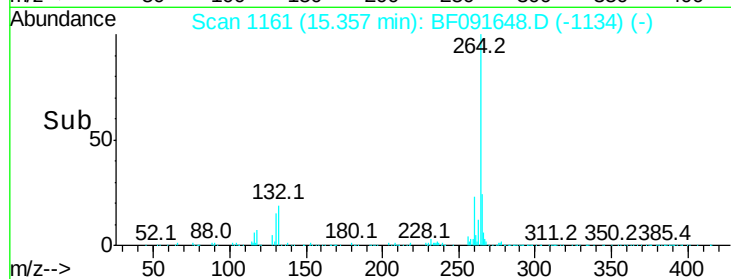
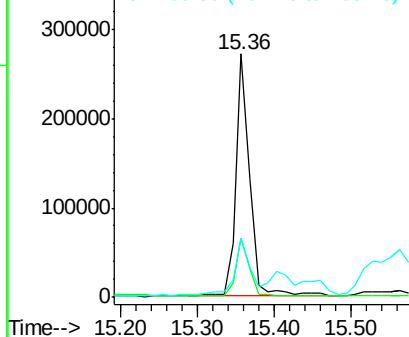
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 347456 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 24.3  | 18.8  | 28.2   |
| 265       | 24.4  | 17.0  | 25.6   |

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Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 81.94 ng m

RT: 14.97 min Scan# 1127

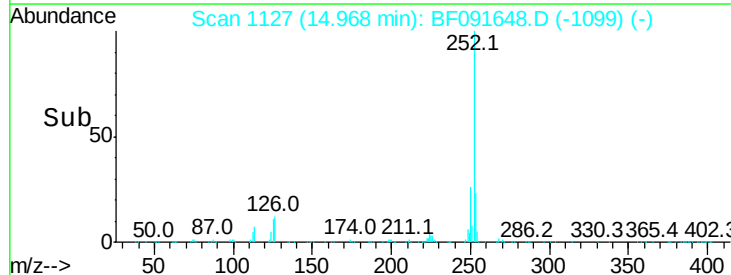
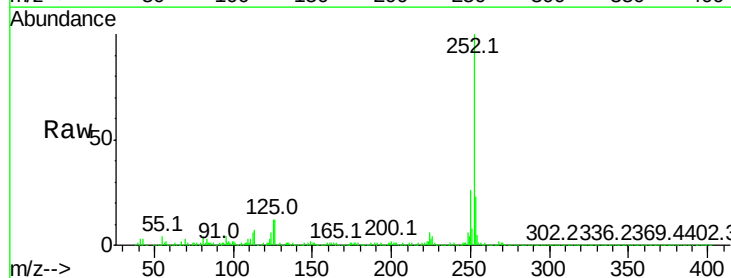
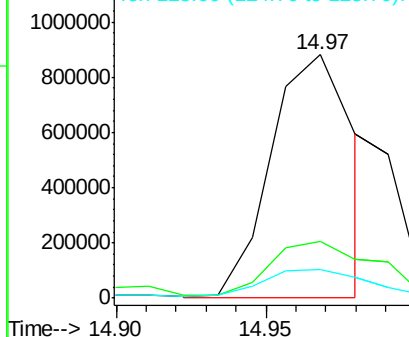
Delta R.T. 0.02 min

Lab File: BF091648.D

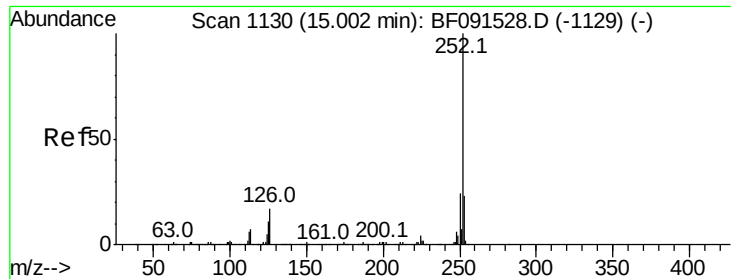
Acq: 16 Dec 2016 00:23

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 252   | Resp: | 1697121 |
| Ion Ratio | Lower | Upper |         |
| 252       | 100   |       |         |
| 253       | 23.5  | 18.2  | 27.2    |
| 125       | 12.0  | 8.6   | 13.0    |

Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E







#88

Benzo(k)fluoranthene

Concen: 21.78 ng/mL

RT: 14.98 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF091648.D

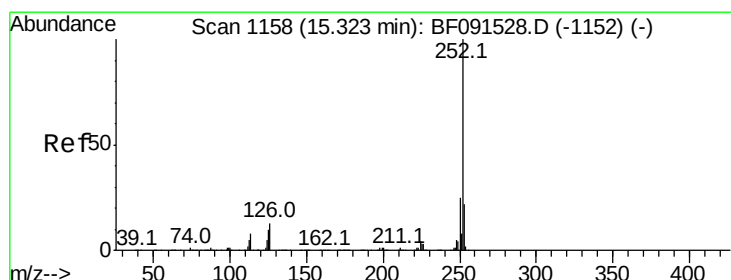
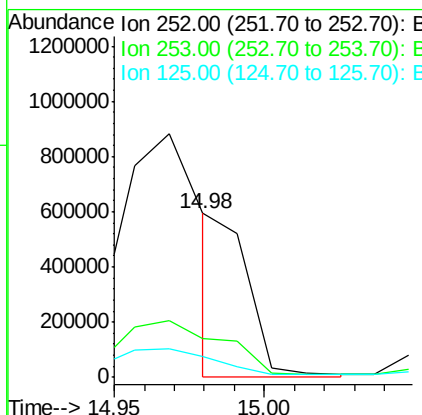
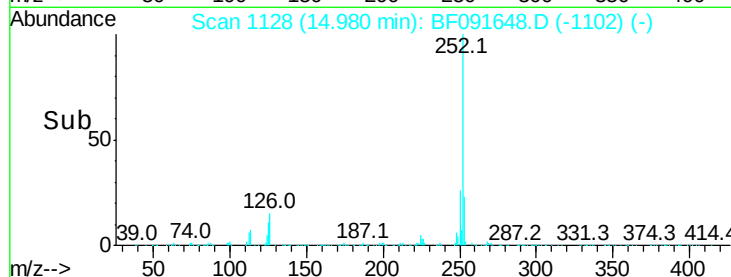
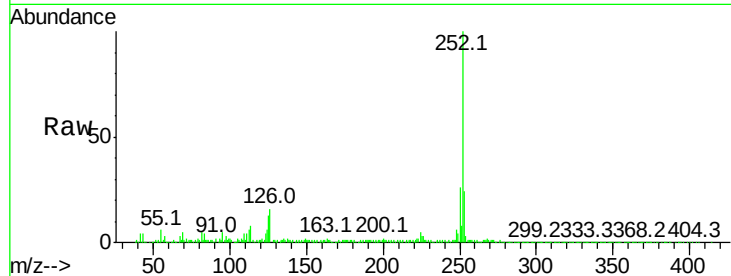
Acq: 16 Dec 2016 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
WC-6-0-5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.9  | 17.8  | 26.8  |
| 125     | 12.7  | 9.6   | 14.4  |

Manual Integrations  
APPROVED

UMANGI  
12/16/2016 6:22:35 PM



#89

Benzo(a)pyrene

Concen: 58.25 ng/mL

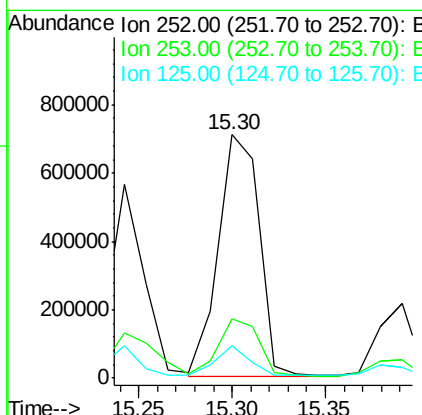
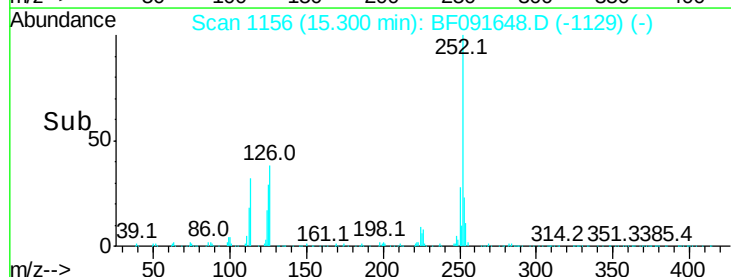
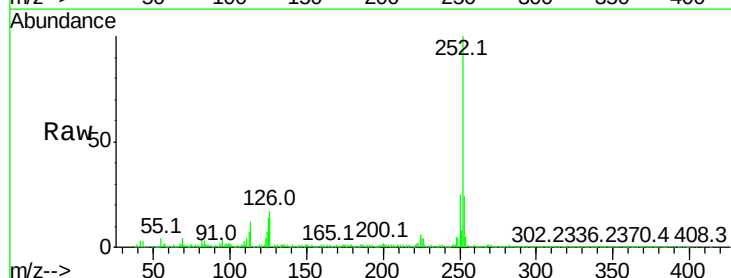
RT: 15.30 min Scan# 1156

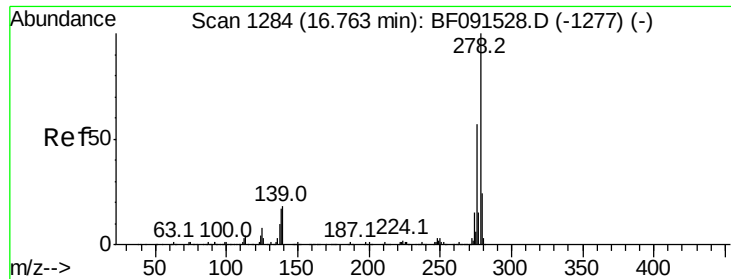
Delta R.T. 0.01 min

Lab File: BF091648.D

Acq: 16 Dec 2016 00:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.3  | 18.2  | 27.4  |
| 125     | 13.5  | 10.4  | 15.6  |





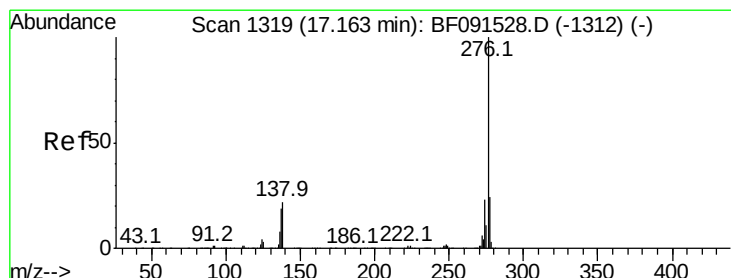
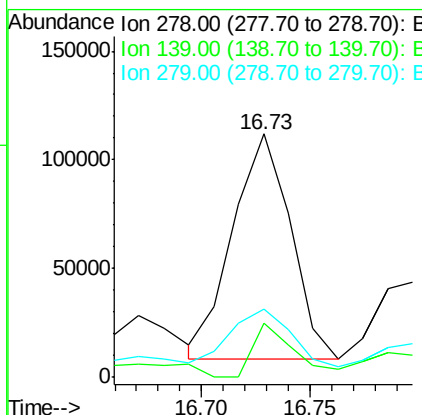
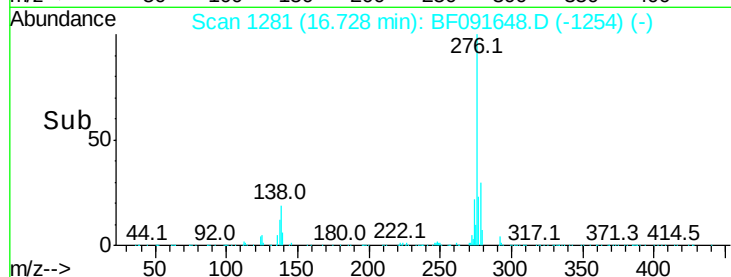
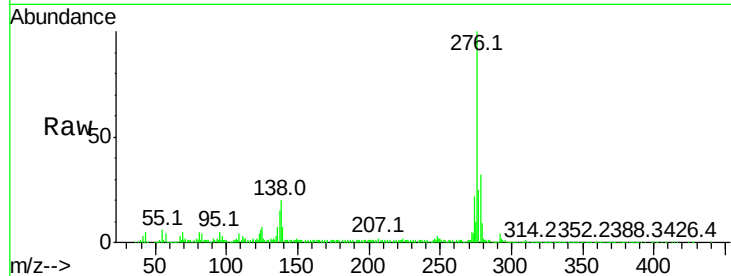
#90  
Dibenzo(a,h)anthracene  
Concen: 11.47 ng  
RT: 16.73 min Scan# 1281  
Delta R.T. 0.01 min  
Lab File: BF091648.D  
Acq: 16 Dec 2016 00:23

Instrument :  
BNA\_F  
ClientSampled :  
WC-6-0-5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 22.4  | 15.1  | 22.7  |
| 279     | 27.8  | 19.0  | 28.6  |

Manual Integrations  
APPROVED

UMANGI  
12/16/2016 6:22:35 PM



#91  
Benzo(g,h,i)perylene  
Concen: 42.46 ng  
RT: 17.13 min Scan# 1316  
Delta R.T. 0.01 min  
Lab File: BF091648.D  
Acq: 16 Dec 2016 00:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.2  | 19.0  | 28.4  |
| 138     | 24.7  | 15.4  | 23.0  |

